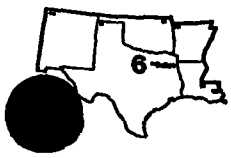


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06

Site Name: Gulton Industries CERCLIS ID#: NMD986673093

Alias Site Names: Old Gulton Industries

Address: 14800 and 15000 Central Avenue, SE

City/County or Parish/State/Zip Code: Albuquerque/Bernalillo/New Mexico/unknown

Report Type, Date, and Author: Site Inspection/March 26, 1993/New Mexico Environment Department (NMED)

RECOMMENDATION

( ) 1. Site Evaluation Accomplished (SEA)

(X) 2. Further Investigation Needed Under Superfund
( ) PA ( ) HRS Priority: ( ) High
( ) SI ( ) RA (X) Low
(X) ESI ( ) RI/FS
( ) Other:
To be performed by: NMED

( ) 3. Action Deferred to:
( ) RCRA ( ) NRC

NOTIFY AUTHORITY:

( ) Removal	( ) RCRA	( ) TSCA	( ) CAA	( ) SMCRA	
( ) Remedial	( ) State	( ) NPDES	( ) NRC	( ) Resource Trustee:	
( ) CERCLA Enforcement	( ) Federal Facility	( ) UIC	( ) SPCC	( ) Other:	
SEND COPIES TO:	(X) 6E-E	(X) 6W-SP	(X) ATSDR	( ) State Agency	( ) Other:

DISCUSSION:

The Gulton Industries (the "site") is the location of a former electronics development, manufacturing and assembly facility (1956-1979). Prior to 1970, the plating process water appears to have been discharged directly to nearby arroyos. The contaminants of concern at this site include heavy metals and solvents.

No significant (contributing to the site's score) surface water, soil exposure or air pathway targets have been identified. However, the targets of the groundwater pathway are significantly threatened by the potential release of contaminants. The City of Albuquerque and the lower Tijeras Canyon rely heavily on drinking water obtained from groundwater. Approximately 78,000 people utilize groundwater as a drinking water source within a 4-mile radius of the site.

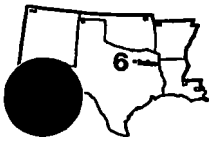
Monitoring wells and piezometers in Tijeras Canyon identified the presence of elevated concentrations of cadmium, DCE, and TCE.

Due to the potential for groundwater contamination, it is recommended that an Expanded Site Inspection focusing on the ground water pathway be conducted.

SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06
Gulton Industries (NMD986673093)

APPROVALS:

Disposition Recommended by: (Site Assessment Manager)	Kim T. Hill	Signature: Kim T. Hill	Date: Sep/28/93
Disposition Recommended by: (Section Chief)	Eddie A. Sierra	Signature: Eddie A. Sierra	Date: 9/28/93
Disposition Approved by: (Branch Chief)	Betty Williamson	Signature: Betty Williamson	Date: 9/28/93



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06

Site Name: Old Gulton Industries CERCLIS ID#: NMD986673093

Alias Site Names:

Address: 14800 Central Avenue SE

City/County or Parish/State/Zip Code: Albuquerque/Bernalillo/New Mexico/87123

Report Type, Date, and Author: Site Inspection/March 26, 1993/New Mexico Environment Department (NMED)

RECOMMENDATION

( ) 1. Site Evaluation Accomplished (SEA)

(X) 2. Further Investigation Needed Under Superfund
( ) PA ( ) HRS Priority: (X) High
( ) SI ( ) RA ( ) Low
(X) ESI ( ) RI/FS
( ) Other:
To be performed by: NMED

( ) 3. Action Deferred to:
( ) RCRA ( ) NRC

NOTIFY AUTHORITY:

( ) Removal	( ) RCRA	( ) TSCA	( ) CAA	( ) SMCRA	
( ) Remedial	( ) State	( ) NPDES	( ) NRC	( ) Resource Trustee:	
( ) CERCLA Enforcement	( ) Federal Facility	( ) UIC	( ) SPCC	( ) Other:	
SEND COPIES TO:	(X) 6E-E	(X) 6W-SP	(X) ATSDR	( ) State Agency	( ) Other:

DISCUSSION: The Old Gulton Industries (the "site") is the location of a former metal plating facility. The site operated a military and aerospace instruments manufacturing, plating and assembly facility from 1956 to 1979. No record of waste disposal are available for the time period between 1956 and 1970. In 1970 and 1976, respectively, the site applied for an approved waste water treatment system for the circuit board facility and a NPDES permit fo discharge overflow from the rinsewater settling ponds into Tijeras Canyon. Contaminants identified in an observed to groundwater, surface water and soil exposure pathways are lead, copper, chromium, platinum, nickel, tin, TCE, TCA, dichloromethane, xylene, acetone and other miscellaneous acids and bases.

Driving the site's score is the potential threat to the drinking water aquifer which supplies the City of Albuquerque. Approximately 17 of Albuquerque's seventy water supply wells are located within the 4-mile target distance limit. The targets for the soil exposure and surface water pathways are virtually negligible and have little, if no, impact on the site's score.

Further pre-remedial investigative work is needed under CERCLA to adequately characterize the extent of threat to the groundwater pathway. An Expanded Site Inspection focusing on the threat to the groundwater pathway is recommended for this site.

SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06
Old Gulton Industries (NMD986673093)

APPROVALS:

Disposition Recommended by: Kim T. Hill Signature: Kim T. Hill Date: Jul/06/93
(Site Assessment Manager)

Disposition Recommended by: Eddie A. Sierra Signature: Eddie A. Sierra Date: 7/6/93
(Section Chief)

Disposition Approved by: Betty Williamson Signature: Betty Williamson Date: 7/7/93
(Branch Chief)

Superfund Site Strategy Recommendation Region 6

Site Name: ~~Old~~ Gulton Industries Site Number: NMD986673093

Alias Site Name(s):

Address: 14800 Central Ave. SE

City/County or Parish/State/Zip: Albuquerque/Bernalillo/NM

Recommendation:

[ ] 1. No further remedial action planned under Superfund.

[xx] 2. Further pre-remedial investigative action needed under Superfund:

PA_____ Priority: High_____
SSI xx_____ Medium XX
LSI_____
Other_____
To be performed by NMEID

[ ] 3. Action may be appropriate under other authority:
NPDES_____SPCC_____404_____TSCA_____
UIC_____SMCRA_____ STATE_____RCRA_____
OTHER_____

Discussion: PA

Gulton Industries, a manufacturer of military and aerospace instruments, owned and operated a circuit board manufacturing, plating and assembly facility from 1956 to 1979 in Albuquerque, New Mexico. During 1964-65, Gulton tested explosives on site while under contract with Sandia National laboratories. In 1970, Gulton applied with the New Mexico Health and Environment Department (NMHED) for approval for a waste treatment system for their circuit board facility. Previously there is no information on how waste had been disposed of. In 1976, Gulton received a NPDES permit to discharge, and the permit was for pH, cyanide- amenable and cyanide total and did not include metals. In 1979, Gulton moved their facility to a new location. From 1970-79 Gulton discharged plating process rinse waer containing metals to a dry tributary of Tijeras Creek. During an on-site inspection by NMEID stained soils were noted and pH tested. Many of the soils tested a pH of <4.5 up to 8 inches below the surface. There is no threat to the air or surface water pathway. The primary concern is that local wells are somewhat shallow 50-100 feet and there may be some contamination. Quarternary alluvium deposits exceed depths of 100 feet and line the canyon floor. A Screening Site Inspection is recommended for this site to determine the extent of contamination and the types and volumes of wastes at the site.

Copies to (please list) NMEID, 6W-S, 6E-E, ATSDR

Recommended By: Barbara Driscoll Date: 10/4/90

Approved By: Bill Taylor Date: 10/4/90

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI
1445 ROSS AVENUE, SUITE 1200
DALLAS, TEXAS 75202

DATE: 7/12/90

SUBJECT: FIT Task Request

FROM: Bill Taylor (6H-MA)

TO: Ed Sierra (6E-SH)

☒ New Assignment
☐ Amendment

Please task the FIT to complete the following work:

Key EPA Contact:
Name: Bart Cantrell Phone: 655-6740

Desired Report Format:
☐ Formal Report ☐ Standard Report ☐ Other (Specify): _____
☐ Letter Report ☐ Formal Briefing

SSID Number: L9ZZ

CERID Number: NMD035656823

EPA Site Name: Gulton Industries Inc

City/County/State: Albuquerque/Bernalillo/NM

Type of Activity:
☐ PA ☐ RCRA-PA ☒ HRS Support ☐ Enforcement Support ☐ Training
☐ SI ☐ RCRA-SI ☐ QA Support ☐ Program Management ☐ General Technical Assistance
☐ ESI ☐ Special Studies ☐ Equipment Maintenance

FIT/SCAP Goal: Will Deliverable Meet a Unit of the Goal?
☐ Yes ☐ No

General Task Description: Perform HRS Prescore Analysis for Environmental Priorities Initiative (EPI) site using CERCLA, RCRA, and State files and other easily obtainable information.

Specific Elements: * Include list and description of Solid Waste Management Units (SWMUs).
* Identify the net worth and most recent annual sales figure for the company that owns the facility.

☐ Additional Scope Attached

SUPERFUND FILE

CONCURRENCE: Barbara Maxwell for
Bill Taylor, Chief

Debbie Vaughn-Wright

MAY 21 1992

REORGANIZED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI
1445 ROSS AVENUE, SUITE 1200
DALLAS, TEXAS 75202

DATE: 1/11/90

SUBJECT: FIT Task Request

FROM: Bill Taylor

TO: Ed Sierra (6E-SH)

☒ New Assignment
☐ Amendment

Please task the FIT to complete the following work:

Key EPA Contact:
Name: Driscoll Phone: 655-6740

. Desired Report Format:
☐ Formal Report ☐ Standard Report ☐ Other (Specify): _____
☐ Letter Report ☐ Formal Briefing

SSID Number: L922

CERID Number: NMD035686523

EPA Site Name: GULTON INDUSTRIES INC. Gultron Data Systems

. City/County/State: Albuquerque / Bernalillo / NM

Type of Activity:
☐ PA ☐ RCRA-PA ☐ HRS Support ☐ Enforcement Support ☐ Training
☐ SI ☐ RCRA-SI ☐ QA Support ☐ Program Management ☐ General Technical Assistance
☐ ESI ☐ Special Studies ☐ Equipment Maintenance

FIT/SCAP Goal: Will Deliverable Meet a Unit of the Goal?
☐ Yes ☒ No

General Task Description: ~~to PA~~ Preserve & other
Cancel TDD request

Specific Elements:

☐ Additional Scope Attached

SUPERFUND FILE

CONCURRENCE: Bill Taylor
Bill Taylor, Chief

Debbie Vaughn-Wright

MAY 21 1992

REORGANIZED

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI
1445 ROSS AVENUE, SUITE 1200
DALLAS, TEXAS 75202

DATE: 8-28-89

GURTON INDUSTRIES INC.
NMD035686823

SUBJECT: FIT Task Request

FROM: Bill Taylor (6H-MA)

TO: Ed Sierra (6E-SH)

☒ New Assignment
☐ Amendment

Please task the FIT to complete the following work:

Key EPA Contact:
Name: Bill Taylor Phone: 655-6740

. Desired Report Format:
☐ Formal Report ☐ Standard Report ☐ Other (Specify):
☐ Letter Report ☐ Formal Briefing

SSID Number:

CERID Number: See Attached List

EPA Site Name: See Attached List

. City/County/State: See Attached List

Type of Activity:
☐ PA ☐ RCRA-PA ☒ HRS Support ☐ Enforcement Support ☐ Training
☐ SI ☐ RCRA-SI ☐ QA Support ☐ Program Management ☐ General Technical Assistance
☐ ESI ☐ Special Studies ☐ Equipment Maintenance

FIT/SCAP Goal:
Will Deliverable Meet a Unit of the Goal?
☐ Yes ☒ No

General Task Description: Perform HRS Prescore Analysis for Environmental Priorities Initiative (EPI) site using CERCLA, RCRA, and State files and other easily obtainable information.

Specific Elements: * Include list and description of Solid Waste Management Units (SWMUs).
* Identify the net worth and most recent annual sales figure for the company that owns the facility.

SUPERFUND FILE

MAY 22 1992

REORGANIZED

☐ Additional Scope Attached

CONCURRENCE: Bill Taylor
Bill Taylor, Chief

DUW
Debbie Vaughn-Wright

EPA

ENTIAL HAZARDOUS WASTE SITE
FINAL STRATEGY DETERMINATION

REGION	SITE NUMBER
6	NM00299

File this form in the regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System;, Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET	
GULTON INDUSTRIES, DATA SYSTEMS DIV	6600 GULTON COURT	
C. CITY	**D. STATE**	**E. ZIP CODE**
ALBUQUERQUE (BERNALILLO Co.)	NM	87190

NMD035686823

II. FINAL DETERMINATION

Indicate the recommended action(s) and agency(ies) that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY			
		EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED	X				
B. REMEDIAL ACTION NEEDED, BUT NO RESOURCES AVAILABLE *(If yes, complete Section III.)*					
C. REMEDIAL ACTION *(If yes, complete Section IV.)*					
D. ENFORCEMENT ACTION *(If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)*					

E. RATIONALE FOR FINAL STRATEGY DETERMINATION

SITE INSPECTION REPORT INDICATED NO HAZARD

F. IF A CASE DEVELOPMENT PLAN HAS BEEN PREPARED, SPECIFY THE DATE PREPARED *(mo., day, & yr.)*	G. IF AN ENFORCEMENT CASE HAS BEEN FILED, SPECIFY THE DATE FILED *(mo., day, & yr.)*

H. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE *(mo., day, & yr.)*
DENNIS GUILD	FTS-729-3663	9/3/81

9/1/81

III. REMEDIAL ACTIONS TO BE TAKEN WHEN RESOURCES BECOME AVAILABLE

List all remedial actions, such as excavation, removal, etc. to be taken as soon as resources become available. See instructions for a list of Key Words for each of the actions to be used in the spaces below. Provide an estimate of the approximate cost of the remedy.

A. REMEDIAL ACTION	B. ESTIMATED COST	C. REMARKS
	$	
	$	
	$	
	$	
	$	SUPERFUND FILE
	$	MAY 22 1992
	$	REORGANIZED
	$	
D. TOTAL ESTIMATED COST	$	

EPA Form T2070-5 (10-79)

Continue On Reverse

SF 8105.2

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

EPA

REGION	SITE NUMBER (to be assigned by Hq)
VI	NM299

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II *(Preliminary Assessment)*. File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION NMD025686823

A. SITE NAME	B. STREET (or other identifier)		
GULTON INDUSTRIES, DATA SYSTEMS DIV.	6600 Gulton Court		
C. CITY	**D. STATE**	**E. ZIP CODE**	**F. COUNTY NAME**
Albuquerque	NM	87190	Bernalillo

G. OWNER/OPERATOR (If known)

1. NAME	2. TELEPHONE NUMBER
George J. Friberg (VP Manufacturing)	(505)345-9031

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6. UNKNOWN

I. SITE DESCRIPTION Treatment system for removing heavy metals (copper mainly) from manufacturing waste. Site contains emergency holding pond and spent filter material and chemical storage area.

J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.)	K. DATE IDENTIFIED (mo., day, & yr.)

L. PRINCIPAL STATE CONTACT

1. NAME	2. TELEPHONE NUMBER
Jack Ellvinger, NMEID	(505)827-5271

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☐ 3. LOW ☒ 4. NONE ☐ 5. UNKNOWN

SUPERFUND FILE

B. RECOMMENDATION

☒ 1. NO ACTION NEEDED *(no hazard)*

☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: _____
b. WILL BE PERFORMED BY: _____

MAY 2 2 1992

☐ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: _____
b. WILL BE PERFORMED BY: _____

REORGANIZED

☐ 4. SITE INSPECTION NEEDED *(low priority)*

C. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)
Imre Sekelyhidi, FIT	(214)742-4521	7/23/81

III. SITE INFORMATION

A. SITE STATUS

☒ 1. ACTIVE *(Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)*

☐ 2. INACTIVE *(Those sites which no longer receive wastes.)*

☐ 3. OTHER (specify): _____ *(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)*

B. IS GENERATOR ON SITE?

☐ 1. NO ☒ 2. YES *(specify generator's four-digit SIC Code)*: 3679

C. AREA OF SITE (In acres)	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES	
	1. LATITUDE (deg.—min.—sec.)	2. LONGITUDE (deg.—min.—sec.)
10	35° 08'30"N	106° 37'33"W

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO ☒ 2. YES (specify): Office & assembly plant, waste systems, storage

REVIEWED BY (ORIGIN) DG DATE 9/3/81

Continue On Reverse

Continued From Front

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER	B. STORER	C. TREATER	D. DISPOSER
		X 1. FILTRATION	
	X 2. SURFACE IMPOUNDMENT		
	X 3. DRUMS		
		X 4. RECYCLING/RECOVERY	
		X 5. CHEM./PHYS. TREATMENT	
	X 6. OTHER (specify): Surface impoundment is drained every 90 days. Drums are shipped every 90 days.		

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☒ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☒ 2. CORROSIVE ☒ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☒ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☒ 9. FLAMMABLE

☐ 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Manifests system, inventories, weekly inspection reports of drum conditions.

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT: None	AMOUNT: None	AMOUNT: 160	AMOUNT: *200	AMOUNT: *200	AMOUNT: None
UNIT OF MEASURE:	UNIT OF MEASURE:	UNIT OF MEASURE: gal/90 days	UNIT OF MEASURE: gal/90 days	UNIT OF MEASURE: gal/90 days	UNIT OF MEASURE:
☐ (1) PAINT, PIGMENTS	☐ (1) OILY WASTES	X (1) HALOGENATED SOLVENTS	X (1) ACIDS	☐ (1) FLYASH	☐ (1) LABORATORY PHARMACEUT.
☐ (2) METALS SLUDGES	☐ (2) OTHER (specify):	X (2) NON-HALOGNTD. SOLVENTS	☐ (2) PICKLING LIQUORS	☐ (2) ASBESTOS	☐ (2) HOSPITAL
☐ (3) POTW		☐ (3) OTHER (specify): Mixed solvents	X (3) CAUSTICS	☐ (3) MILLING/MINE TAILINGS	☐ (3) RADIOACTIVE
☐ (4) ALUMINUM SLUDGE			☐ (4) PESTICIDES	☐ (4) FERROUS SMLTG. WASTES	☐ (4) MUNICIPAL
☐ (5) OTHER (specify):			☐ (5) DYES/INKS	☐ (5) NON-FERROUS SMLTG. WASTES	☐ (5) OTHER (specify):
			☐ (6) CYANIDE	X (6) OTHER (specify): Combined total of chemicals & solids	
			☐ (7) PHENOLS		
			☐ (8) HALOGENS		
			☐ (9) PCB		
			X (10) METALS		
			☐ (11) OTHER (specify)		
			*Combined total of chemicals & solids		

Continue On Page 3

State of New Mexico
ENVIRONMENT DEPARTMENT
Ground Water Protection and Remediation Bureau
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-2918 phone
(505) 827-2965 fax

GARY E. JOHNSON
GOVERNOR

MARK E. WEIDLER
SECRETARY

EDGAR T. THORNTON, III
DEPUTY SECRETARY

July 17, 1995

Tom Rhodarmer,
Director
Environmental Affairs/ Safety
Mark IV Industries
P.O. Box 360
1300 Balsam Road
Waynesville, NC 28786

RE: Workplan for Removal of Soils and Wastewaster Systems at the Old Gulton Industries Site, Albuquerque, New Mexico.

Dear Mr. Rhodarmer:

The New Mexico Environment Department (NMED) has reviewed the workplan for the proposed soil removal at the Old Gulton Industries Site (the site), located at 14000 Central Avenue, SE. The workplan was submitted by facsimile transmission on July 14,1995 by Groundwater Technology Inc. (GTI) on behalf of MARK IV Industries (MARK IV). The workplan is consistent with the removal criteria that was agreed to in the meeting between MARK IV and NMED on July 11, 1995. Soil containing concentrations above the determined back ground of 77 mg/kg for copper and/or 33 mg/kg for chromium will be removed from the site. Removal will be considered complete when confirmation samples contain less than background concentrations or when bedrock is encountered. Since characteristic hazardous wastes were not identified in the soils during the site investigations conducted by NMED and Mark IV, excavated materials will be disposed of as solid waste.

The workplan submitted to NMED outlines the following tasks: excavation of the soils within and surrounding the settling ponds; excavation of soils surrounding the septic tank, the leach field and in the associated drainages downgradient of the leach field; and excavation of soils surrounding the concrete slab and associated drainages. These are the areas where, in past site investigations conducted by NMED and Mark IV, soil contamination was three (3) times above

background. Specifically, MARK IV will:

1) excavate the soils within and surrounding the settling ponds. The estimated volume to be removed is 171 cubic yards from this area. After the removal is complete, ten soil samples will be taken from representative locations agreed to by NMED staff and MARK IV representatives in the excavated area. These samples will be analyzed for copper and chromium by EPA Method 6010. NMED will collect a split of three of the ten samples.

2) excavate of soils surrounding the septic tank, the leach field and in the associated drainages downgradient of the leach field. The estimated volume to be removed is 195 cubic yards from this area. After the removal is complete, ten soil samples will be taken from representative locations agreed to by NMED staff and MARK IV representatives in the excavated area. These samples will be analyzed for copper and chromium by EPA Method 6010. NMED will collect a split of three of the ten samples.

3) excavate soils surrounding the concrete slab and associated drainages. The estimated volume to be removed is 140 cubic yards from this area. After the removal is complete, ten soil samples will be taken from representative locations agreed to by NMED staff and MARK IV representatives in the excavated area. These samples will be analyzed for copper and chromium by EPA Method 6010. NMED will collect a split of three of the ten samples.

In order to facilitate MARK IV desire to initiate the remove action at the site as soon as possible, NMED will provide oversight of the removal activities while signing of the Agreement on Consent for the long term remediation of groundwater remains pending. However, as explained to John Foged, of MARK IV, in our telephone conversation of July 14, 1995, until the Agreement on Consent is signed and a project budget is set up, NMED can not obtain analytical laboratory services that will meet MARK IV's need for quick laboratory results. The New Mexico State Laboratory Division provides only standard turn around times for non-emergency sample analyses. In order to obtain a rapid turn around time for laboratory results for the nine (9) split samples NMED is proposing to collect, NMED requests that MARK IV provide for a independent private laboratory for the analysis of NMED split samples. Enclosed is a list of laboratories that NMED has used or has evaluated the performance of most recently.

In order to provide adequate oversight, MARK IV needs to notify NMED, with reasonable lead time, when work is to begin insight in order that NMED may have the opportunity to schedule staff to oversee the work conducted during the removal.

NMED looks forward to working with MARK IV at this site and appreciates their desire to

voluntarily address the cleanup of the soil contamination at this site. Please contact me at (505) 827-2890 if you have any questions.

Sincerely,

Susan Morris
Geologist 3
Superfund Section
Ground Water Protection and Remediation Bureau
New Mexico Environment Department

enclosures

cc: Kim T. Hill. Superfund Site Assessment. EPA Region 6. Dallas
John Foged. MARK IV
Kerrie E. Neet. Program Manager. Superfund Section. NMED

The following are a list of laboratories that have received contracts with the New Mexico Environment Department through a competitive bid process. Also included in this list are the laboratories that were highly rated in a EPA funded Laboratory Pilot Project which NMED conducted last year:

Analytical Technologies Inc.
2709-D
Pan American Freeway NE
Albuquerque, New Mexico 87107
attn: Mitch Rubenstien (505)344-3777

Lockheed Environmental Sys & Tech
Lockheed Analytical Services
975 Kelly Johnson Dr.
Las Vegas, Nevada 89119
attn: Charles Carter, 1(800) 582-7605

RECRA Environmental Inc.
Audubon Business Center
10 Hazelwood Drive
Amherst, NY 14228-2298
attn: Tony Kish (716) 691-2600

Inchcape Testing Services
55 South Park Drive
Colchester, VT. 05446
attn: Richard T. Gomez (802) 665-1203

Chemtech Consulting Group, Inc.
110 Route 4
Englewood, NJ 07631
attn: Emanuel Hedvat (201) 567-1333

Analytica
325 Interlocken Parkway
Broomfield, Colorado 80021
attn: Scott Carson, 1-(800)-873-8707

GROUNDWATER TECHNOLOGY, INC.
2501 Yale Blvd. SE, Suite 204, Albuquerque, NM 87106 (505) 242-3113
Fax: (505) 242-1103

FACSIMILE MESSAGE

DATE: 7/14/95 TIME: _____

TO: Susan Morris AT: NMED

FROM: Chris Sell AT: _____

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 6

FAX NUMBER CALLED: (505) 827-2965

MESSAGE: SOW as discussed at the meeting.

IF THIS MESSAGE IS RECEIVED INCOMPLETE, PLEASE CALL (505) 242-3113.

TIME: 9:35

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GROUNDWATER TECHNOLOGY ®

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July 13, 1995

SENT VIA FAXIMILE (505) 827-2965

Project No. 033355011

Ms. Susan Morris
Superfund Section
New Mexico Environment Department
1190 St. Francis Drive
Santa Fe, New Mexico 87002

RE: Scope of Work for soil remediation at the Old Gulton Industries Site, 14800 Central Avenue, Albuquerque, New Mexico NM#986673093

Dear Ms. Morris:

On behalf of Mark IV Industries, Groundwater Technology, Inc. is presenting this scope of work for remediation of soil and removal of the blast chambers, the septic tank and the settling ponds at the referenced site. The approach presented in the scope of work is based upon the results presented in the Site Assessment Report, Former Gulton Industries Site, EPA ID #NMD 986673093, 14800 Central Avenue, Albuquerque, New Mexico presented in June 1995 and discussions held in your offices on July 11, 1995. Work will begin immediately after NMED approves the scope of work.

PROPOSED SCOPE OF WORK

Since characteristic hazardous waste constituents were not identified at the subject site, soil will be excavated to background concentrations (chromium at 33 mg/kg and copper at 77 mg/kg) and disposed of as solid waste. Further, discolored soil surrounding each operation and associated drainage area will be removed. A map of the site with the approximate locations of the excavations and a table summarizing the volume of soil to be removed are attached.

Task-1 Excavation at the Settling Ponds

Soil within the lined ponds and surrounding the pond liner to a depth of 4 feet below the present ground surface will be excavated and removed from the site. Soil within the drainage way down-gradient of the ponds will be excavated and removed from the site. Ten (10) soil samples will be taken from the excavated area and analyzed for chromium and copper by EPA Method 6010 to document the removal of impacted soil. The ten sample locations will be evenly distributed across the excavation and selected in the field. If present, the NMED representative will participate in selecting sample locations.

Based upon the data collected to date, the excavation may encompass up to 171 cubic yards of soil from 1,550 square feet of the site including the drainage way. Excavation will be complete when bedrock is encountered or when soil samples contain less than 33 mg/kg of chromium and 77 mg/kg of copper. If soil sample results are greater than these levels, additional excavation will be performed in the area of the sample exceeding the upper background limits. The excavated areas will not be backfilled but will be graded as needed to match the surrounding topography.

Task-2 Excavation at the Septic Tank

Soil surrounding the septic tank and leach field will be excavated for removal. Soil from the drainage way downgradient of the leach field is also brightly stained and will be removed. A second cement vessel/tank associated with the septic tank system and leach field and located immediately south of the main tank will be removed. Up to 195 yards of soil from an area of approximately 1200 square feet could be removed. Ten (10) soil samples will be taken from the excavated area and analyzed for chromium and copper by EPA Method 6010 to document the removal of impacted soil. The ten sample locations will be evenly distributed across the excavation and selected in the field. If present during the sampling, the NMED representative will participate in selecting the ten sample locations. Excavation will be complete when bedrock is encountered or when soil samples contain less than 33 mg/kg of chromium and 77 mg/kg of copper. If soil sample results are greater than these levels, additional excavation will be performed in the area of the sample exceeding the upper background limits. The excavated areas will not be backfilled but will be graded as needed to match the surrounding topography.

Task-3 Excavation at the Concrete Slab

Laboratory analytical results and bright red staining indicate impact to soil surrounding the concrete slab and associated drainage way. Soil within a 3-foot perimeter of the concrete slab will be excavated to approximately 2-feet below grade. Also, visibly-stained soil will be removed from the drainage way located at the southwest corner of the pad. Ten (10) soil samples will be taken from the excavated area and analyzed for chromium and copper by EPA Method 6010 to document the removal of impacted soil. The ten sample locations will be evenly distributed across the excavation and selected in the field. If present, the NMED representative will participate in selecting the ten sample locations. Excavation will be complete when bedrock is encountered or when soil samples contain less than 33 mg/kg of chromium and 77 mg/kg of copper. If soil sample results are greater than these levels, additional excavation will be performed in the area of the sample exceeding the upper background limits. Up to 140 yards of soil from an area of approximately 1,150 square feet will be removed. Excavation will be complete when bedrock is encountered or when soil samples contain less than 33 mg/kg of chromium and 77 mg/kg of copper. If soil sample results are greater than these levels, additional excavation will be performed in the immediate area of the sample exceeding the upper background limit. Since the area is in close proximity to the building, the excavation will be backfilled and compacted with clean fill.

Task-4 Blast Chambers

No explosive residue was identified during the original NMED investigation and additional sampling was performed at the blast chambers and no compounds of concern were identified. The chambers will be removed and disposed at a metal recycler. The area surrounding the chambers will be graded to match the surrounding topography. Sampling will not be performed.

Task-5 Documentation and Reporting

Groundwater Technology will supervise and document all excavation and sampling activities during the soil remediation. The documentation such as drawings, photographs, laboratory data, weight tickets, disposal documentation and other material will be compiled and presented in a factual report.

Transportation and Disposal

Excavation at the septic tank and settling ponds will be performed with conventional equipment such as backhoes and loaders. Excavation in the drainage way will be performed with a heavy duty vacuum truck, however. The soil will be loosened from the drainage patterns with hand tools and vacuumed to the top of the hill with the truck. This technique will minimize disturbance of vegetation and surrounding soil. The soils will be stockpiled adjacent to the building on a heavy plastic liner. The soil will then be loaded onto trucks for disposal at the Rio Rancho Landfill operated by Waste Management, Inc.

If you have any questions regarding this matter, please call me or Sara Brothers at (505) 242-3113.

Sincerely,

Groundwater Technology, Inc.

Charles W. Schick, PG
Project Manager

attachments: Site map with soil excavations

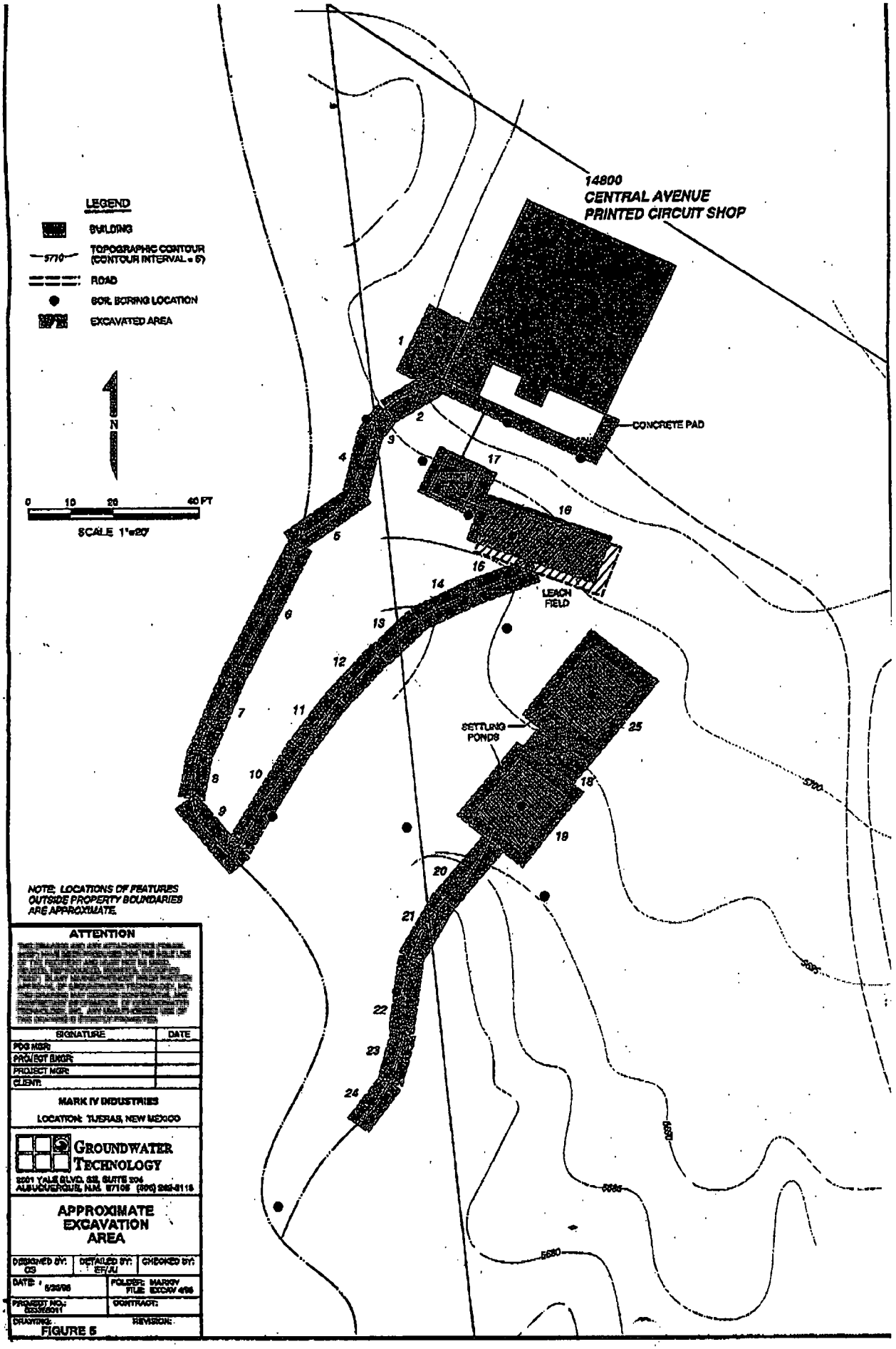
copy: Project File
Deborah J. Chadsey; Lippes, Silverstein, Mathias & Wexler
David Steele, Gulton Industries
Ken Rugger, Gulton Industries
John Foged, Dayco/Mark IV

Sheet1

OLD GULTON SITE
SUMMARY OF EXCAVATION YARDAGE
14800 CENTRAL AVENUE
ALBUQUERQUE, NEW MEXICO

PARCEL NO.	DEPTH ('FT)	LENGTH ('FT)	WIDTH ('FT)	AREA (FT^2)	APPROX (YD^3)		SQUARE FT PER SITE	CUBIC YARDS PER SITE
1	3	93	3	279	31.00		CONCRETE PAD AND RAVINE	CONCRETE PAD AND RAVINE
2	2	15	6	90	6.67			
3	2	7	6	42	3.11			
4	2	15	6	90	6.67			
5	2	21	6	126	9.33			
6	2	33	6	198	14.67		1149.00	95.44
7	2	22	6	132	9.78			
8	2	12	6	72	5.33			
9	2	20	6	120	8.89			
10	2	28	6	168	12.44		SEPTIC TANK SYSTEM & RAVINE	SEPTIC TANK SYSTEM & RAVINE
11	2	15	6	90	6.67			
12	2	15	6	90	6.67			
13	2	12	6	72	5.33			
14	2	16	6	96	7.11			
15	2	15	6	90	6.67		1170.00	196.89
16	6	32	12	384	85.33			
17	10	15	12	180	66.67			
18	4	15	6	90	13.33		SETTLING PONDS AND RAVINE	SETTLING PONDS AND RAVINE
19	4	20	23	460	68.15			
20	2	17	6	102	7.56			
21	2	16	6	96	7.11			
22	2	18	6	108	8.00			
23	2	12	6	72	5.33		1526.00	192.30
24	2	13	6	78	5.78			
25	4	26	20	520	77.04			

TOTAL CUBIC YARDS= 484.63


14800
CENTRAL AVENUE
PRINTED CIRCUIT SHOP
LEGEND
BUILDING
5710 TOPOGRAPHIC CONTOUR (CONTOUR INTERVAL = 5')
ROAD
SOIL BORING LOCATION
EXCAVATED AREA
N
0 10 20 40 FT
SCALE 1"=20'
CONCRETE PAD
LEACH FIELD
SETTLING PONDS
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
5700
5695
5690
5685
NOTE: LOCATIONS OF FEATURES OUTSIDE PROPERTY BOUNDARIES ARE APPROXIMATE.
ATTENTION
SIGNATURE
DATE
PDG MGR:
PROJECT ENGR:
PROJECT MGR:
CLIENT:
MARK IV INDUSTRIES
LOCATION: TIJERAS, NEW MEXICO
GROUNDWATER TECHNOLOGY
2201 YALE BLVD. SE, SUITE 204
ALBUQUERQUE, N.M. 87106 (505) 842-8118
APPROXIMATE EXCAVATION AREA
DESIGNED BY: CS
DETAILED BY: EF/JU
CHECKED BY:
DATE: 5/26/95
FOLDER: MARKIV EXCAV 4/95
PROJECT NO.: 03395001
CONTRACT:
DRAWING: FIGURE 5
REVISION: